

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277
Takeshi YAMAMOTO, et al. : Confirmation Number:
Serial No.: : Group Art Unit:
Filed: March 24, 2004 : Examiner:
For: PHOTOVOLTAIC DEVICE

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
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P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

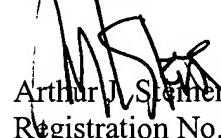
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Serial No.:

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Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION			ATTY. DOCKET NO. 57810-091		SERIAL NO.		
			APPLICANT Takeshi YAMAMOTO, et al.				
(PTO-1449)			FILING DATE March 24, 2004		GROUP		
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US					
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number & Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
		JP 4-130671	05/01/1992	SANYO ELECTRIC CO LTD		Yes No	
		JP 2003-197943	07/11/2003	SANYO ELECTRIC CO LTD		JAPAN (w/English Abstract)	
		JP 2001-237448	08/31/2001	SANYO ELECTRIC CO LTD		JAPAN (w/English Abstract)	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		KAWAMOTO, Kunihiro , et al. " High Efficiency HIT Solar Cell," Material and Devices Development Center, Sanyo Technical Review, Vol. 34, No.1 June 2002, pp.111-117.					
EXAMINER				DATE CONSIDERED			

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